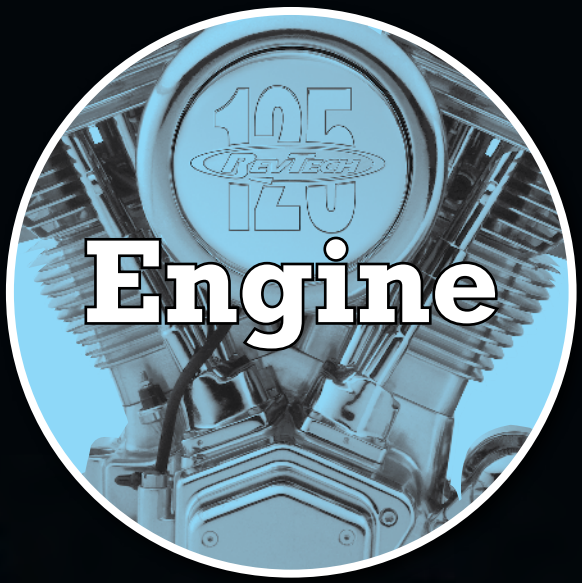
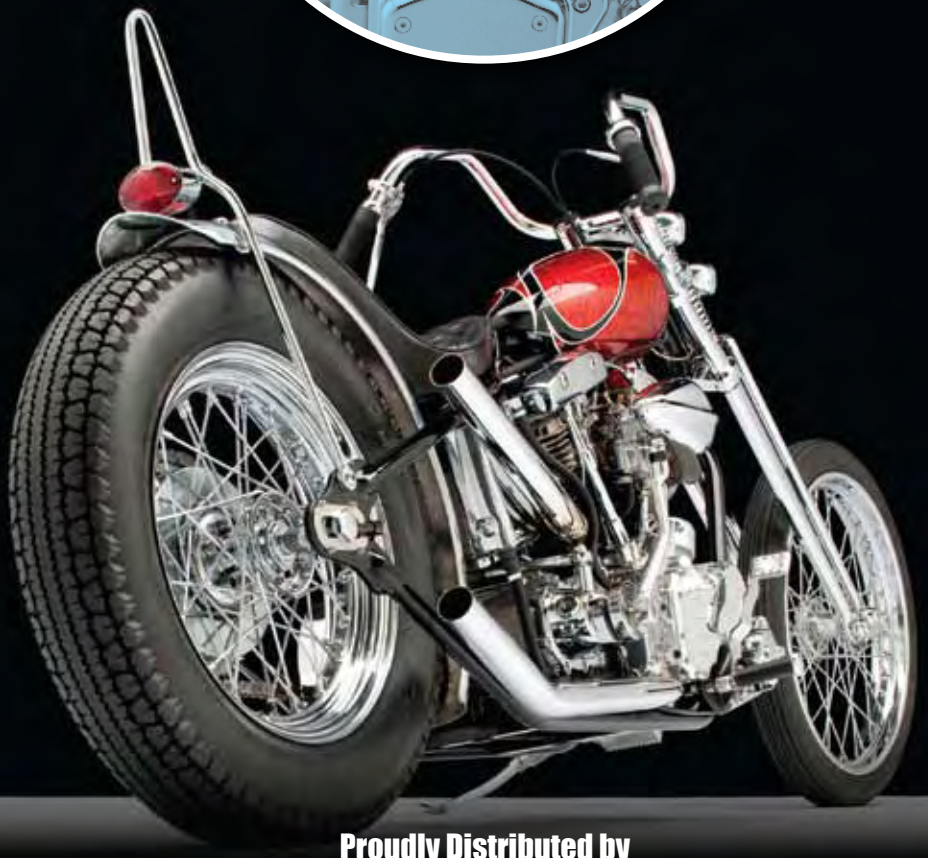
CYCLE Jammer PRODUCTS



Engine



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CUSTOM CHROME

World's Finest Products For Harley-Davidsons

CYCLE Jammer PRODUCTS

The 'Pandemonium' Engine by Jammer

Big enough to provide good power, yet still kickstart friendly. Every part was hand-picked for quality... first! Bottom to top, from the S&S timing and idler gears to the JIM'S pinion, to the Mallory Unilite automatic advance distributor, and KB pistons! Naturally, there's a RevTech crankshaft with heavy-duty connecting rods. The American-made hydraulic tappets were installed in JIM'S Big Axle tappet bodies. An Andrews cam was chosen because of it's perfectly matched design qualities for use in these 88" generator-style engines. Even the valve guides and Andrews valve springs and collars, are coddling one-piece RevTech stainless steel valves that were hand-picked for the best quality, best performance and a trouble-free combination.

The Pandemonium includes these special features:

- Sprocket shaft design that lets you use either 4 or 5-speed transmissions
- Dual-plug heads with O-ring sealed intake ports and exhaust port flanges
- Heavy-duty crankcases with generator and/or alternator charging system capability
- Superior lubrication with modified top end oil routing and end oiler pinion shaft design
- RevTech 3 5/8" bore cast iron cylinders
- Forged 8.25:1 compression pistons
- S&S Super 'E' Carb
- Andrews .470" lift, 'AB' grind cam for power you can use!

02208 Sold each $7,299.99

Pandemonium Black Edition

The same original engine with a number of added features. New black powder coated billet aluminum parts.

- Pan cover with grooves
- Cam cover with grooves
- Push rod covers
- Tappet blocks
- Oil pump
- Oil filter bracket
- Generator bottom housing

02206 Black (sold each) $7,799.99

*Prices shown are suggested retail prices only. Actual retail prices are determined by each dealer and may vary.

658700

658702

ASSEMBLED IN THE USA

CUSTOM CHROME EXCLUSIVE

12 Month 12,000 MILE Warranty

Jammer 88" Shovelhead Engines

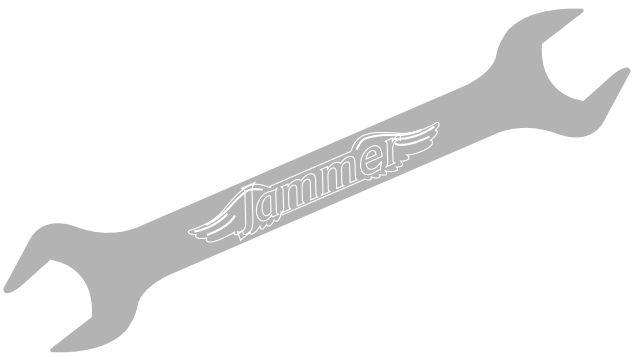
These 88 cubic inch Jammer Shovelhead engines are available in either generator or alternator bottom end versions. They're big enough to provide good power, but still kickstart friendly. Engines come fully assembled and feature an S&S Super "E" carb. Generator style engine comes with a Mallory distributor while the Alternator style engine comes with a RevTech electronic ignition. Every part was hand-picked for quality and reliability, and backed by a 1 year, 10,000 mile limited warranty. Features Evolution style hydraulic lifters. A great engine to use when building your retro ride!

658700 Jammer Alternator Shovelhead engine $6,399.99

658702 Jammer Generator Shovelhead engine. $6,979.99

The Jammer Shovelheads include these special features:

Displacement / Bore / Stroke	1442cc / 3 5/8" / 4 1/4"
Crankpin Diameter	1.50"-diameter Straight
Crankpin Bearings	19 Per Cage
Rod Length	7.440"
Flywheel Diameter	8.5" Pressed Together
Pistons	Keith Black Pistons
Cylinders	Cast Iron 3 5/8"-Bore
Cam	Andrews
Valve Train	Manley Race Master Valve Kit
Rocker Arms	Stock Style Shovelhead
Carburetor	S&S 'Super E' With O-Ring Manifold
Cylinder Heads	3 5/8"-Big Bore 2 Plugs Per Head
Engine Cases	3 5/8"-Big Bore Cases
Rocker Boxes	Chrome
Oil Pump	RevTech
Oil Pump Speed	4:1
Oil Pump Gears	14-tooth
Generator Engine Ignition	Mallory Distributor
Alternator Engine Ignition	RevTech Electronic Ignition

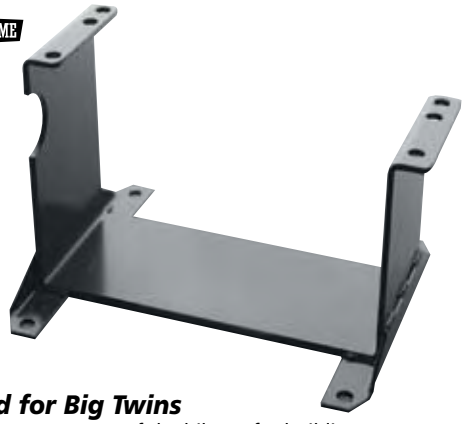


Motor Factory Wrist Pin Bushings

Premium grade bushings are machined from high phosphor bearing bronze that's up to two times as stronger than cast bushings. They have excellent hardness, strength and will help minimize wear and provide a much longer service life than plated steel backed bushings. American-made. Sold in pairs.

021011 Fits Sportster models from 57-03. Replaces OEM 24331-36 . .$15.99

021013 Fits Big Twin models from 36-99. Replaces OEM 24334-36. . .$15.99



Engine Stand for Big Twins

Great for repairing motors out of the bike or for building custom motors. May be bolted to a work bench for added stability.

58530 Fits Big Twin models 36-99 . . . . . .$49.99

20326

Connecting Rod Assemblies

Ready-to-install, complete with crank pin, crank pin nuts, piston pin bushings and rod rollers with aluminum retainers.

For Big Twin Models

20326 Fits 81-E83 rod with .791" wristpin bushing (repl. OEM 24281-80) $219.99

Note: Rear rod to counterbalance clearance must be checked on Shovelhead flywheels.

20325 74-E81 models (repl. OEM 24281-74A) $219.99

20324 41-73 models (repl. OEM 24281-41A) $219.99

For Sportster Models

20330 86-99 models (repl. OEM 24275-86A) $229.99

20329 81-85 models (repl. OEM 24275-80A) $219.99

20328 57-80 models (repl. OEM 24275-57) $219.99

Wrist Pin Bushing by Kibblewhite

Wrist pin bushings come in standard size or 0.002" oversized. Designed for Panhead 48-65, Shovelhead 74" 66-77, Shovelhead 80" 78-83, and Evolution 84-99. Sold in pairs.

622236 Standard 0.897" in. $16.81

622237 Oversize 0.899" in. $16.81

*Prices shown are suggested retail prices only. Actual retail prices are determined by each dealer and may vary.

Timken Left Crankcase Bearings

For Big Twin Models

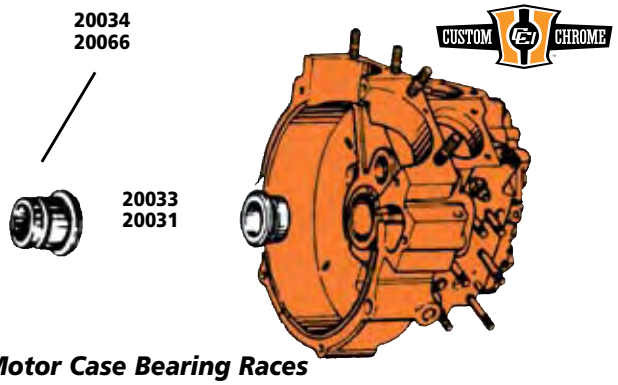
25927 Left crankcase Timken bearing for Big Twins from 55-68 (repl. OEM 9029) $61.99

26048 Left crankcase Timken bearing. Fits Big Twin models from 69-99 (repl. OEM 9028) $39.99

For Sportster and K Models

26042 54-76 (repl. OEM 24729-52) $109.99

26134 77-90 (repl. OEM 24729-74) $34.99



Motor Case Bearing Races

American-made races available in standard and .005" oversize. Listed in chronological order. Sold each.

Right Case Races for Big Twins

20033 JIMS standard for OHV Big Twin models from 40-54 (repl. OEM 24599-40) $95.99

20031 JIMS standard for Big Twin models from 58-92 (repl. OEM 24599-58A) $82.99

20648 JIMS .002" oversize for Big Twin models from 58-92 (repl. OEM 24600-58A) $107.99

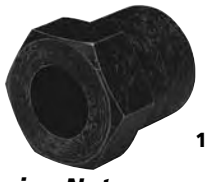
20647 JIMS standard (360° oiling) for Evolution Big Twins from 93-99 (repl. OEM 24599-58B) $82.99

Right Case Races for Sportster and K Models

20011 JIMS standard for Sportster and K models from 54-76 (repl. OEM 24585-57) $100.99

JIMS Left Case Races

20034 Standard left case race for Big Twin models from 40-54 (repl. OEM 24621-40) $93.99

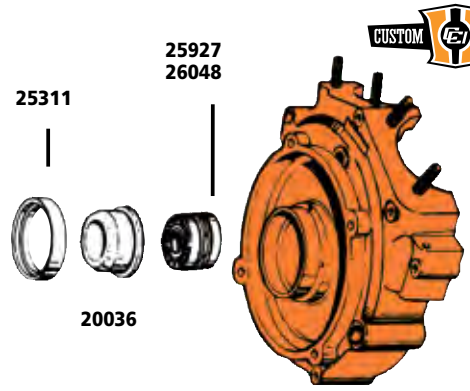


Replacement Engine Nuts

Fit many Big Twin and Sportster models from 30-90. Sold each.

12113 Fits Sportster models from 70-85 (repl. OEM 40387-70) . . . $11.99

20055 Fits Big Twins from 55-90 (without compensating sprocket) repl. OEM 24003-55 . . . . . $7.49



Left Case Engine Parts for Big Twins

20058 Engine thrust washer set. 11 sizes per set. Fits Big Twin models from 29-54 . . . . . $34.99

25311 Oil seal, left engine case. (repl. OEM 12026B) Pack of 5. . . . . $10.99

25927 Left crankcase Timken bearing for Big Twins from 55-68 (repl. OEM 9029) $61.99

26048 Left crankcase Timken bearing. Fits Big Twin models from 69-99 (repl. OEM 9028) $39.99

20036 Sprocket shaft spacer for Big Twin models 70-99 (repl. OEM 24002-70) $9.99

20646 JIMS sprocket shaft spacer kit with 8 spacers; .336", .516", .546", .574", .606", .621", .636", and .666" thick. Fits Big Twins 55-69 with rubber sprocket shaft oil seal $78.99

Lower End Shims, Washers and Spacers for Big Twin and Sportster Models

Motor sprocket bearing shims, right crank bearing washers, crank pin boss thrust washers and sprocket shaft spacers.

Motor Sprocket Bearing Shims for Big Twins from 69-92

56384 Bearing shim assortment (pack of 16) $19.99

Motor Sprocket Bearing Shims for Sportster Models 86-03

56394 Assortment (contains packs of 5) $19.99

Right Crank Bearing Washer Fits Big Twins from 58-86

56251 Replaces OEM 24692-58 (pack of 5) $14.99

Crank Pin Boss Thrust Washers

56366 Fits Big Twins from late 70-92 and Sportster models from E79-86 (repl. OEM 6506) $12.99

56367 Fits Sportster models from 87-99 (repl. OEM 6508) $12.99

56267 Fits Sportster models from 57-71 (repl. OEM 23972-57) $12.99

Sprocket Shaft Spacers for Big Twins

56252 .060" (replaces OEM 24032-70) $14.99

56253 .090" (replaces OEM 24033-70) $14.99

56254 .120" (replaces OEM 24034-70) $14.99

56255 .150" (replaces OEM 24035-70) $14.99

56257 .210" (replaces OEM 24037-70) $14.99

17299 .250" $22.99

Engine Roller Bearings

American-made rollers. Sold in resealable bags of 100.

Short Rod Rollers

Fits 1952 K-models and OHV Big Twins 51-72 (36 used)

CCI #	Price	Size	OEM #
49000	$11.99	.1875 x .329 Std.	9101A
		+.0002	9102A
49002	$11.99	+.0004	9103A
49005	$11.99	+.001	9106A

Fits Sportster and KH models 54-E86 and Big Twins from 73-86 (34 used)

CCI #	Price	Size	OEM #
49025	$12.99	.1875 x .294 Std.	9441A
49026	$12.99	+.0002	9442A
49027	$12.99	+.0004	9443A
		+.0006	9444A
49029	$14.99	+.0008	9445A
		+.001	9446A
49031	$13.99	+.002	9418
49032	$12.99	+.003	n/a
49033	$12.99	–.0002	9450A

Long Rod Rollers

Fits Big Twins from 73-86 (17 used)

CCI #	Price	Size	OEM #
		.1875 x .585 Std.	9186
		+.0002	9180
		+.0004	9181
49019	$15.99	+.0006	9182
49020	$15.99	+.0008	9183
49021	$15.99	+.001	9184
49022	$15.99	+.002	n/a

Crankcase Rollers for Big Twins

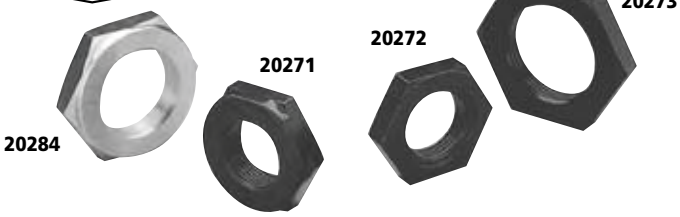
Fits the left case of OHV Big Twins 30-57 (24 used), and the right case 58-86 (28 used). Also fit all early wheels.

CCI #	Price	Size	OEM #
		.250 x .490 Std.	9220A
		+.0002	9221A
		+.0004	9222A
49051	$18.99	+.0006	9223A
49052	$18.99	+.0008	9224A
49053	$18.99	+.001	9225A
49054	$18.99	+.002	n/a

Right Side Crankcase Rollers for Sportster and Big Twin Models

Fits 57-76 Sportster models and 55-57 OHV Big Twins (13 used)

CCI #	Price	Size	OEM #
		.1875 x .800 Std.	9421
49043	$16.99	+.0002	9422
49044	$16.99	+.0004	9423
49045	$16.99	+.0006	9424
49046	$16.99	+.0008	9425
49047	$16.99	+.001	9426



Crankshaft Nuts

American-made replacements for the Original Equipment pieces. Face-ground to a 32 surface finish that is square to the threads within .0005". Sold each.

Pinion Gear Shaft Nuts

Fits Big Twins from late 81-89 (3/4"-20 threads).

20271 Replaces OEM 24016-80 . . . . . $23.99

Fits Big Twin models from 54-89 (5/8"-24 left hand threads).

20645 Pinion shaft nut, left hand thread.(repl. OEM 24023-54) Sold each. $9.99

Crank Pin Nut

Fits Evolution Big Twin models from late 83-99 (1"-20 threads).

20284 Replaces OEM 23969-83 (set of 2). $42.99

Sprocket Shaft Nut

Fits Big Twins from 72-E85 (1 1/8"-16 threads).

20272 Replaces OEM 24017-80 . . . . . $25.99

Pinion and Sprocket Shaft Nut

Fits Big Twins from 30-E81 (3/4"-18 threads).

20273 Replaces OEM 24023-36 . . . . . $28.99

Idler and Circuit Breaker Drive Gear Shafts, Bushings and Spacers

20023 JIMS idler shaft. Fits OHV Big Twins 36-69 (repl. OEM 25791-36) sold each $27.99

20022 JIMS circuit breaker shaft. Fits OHV Big Twins from 36-69 (repl. OEM 25856-36) sold each $21.99

20045 Bushings. Fits OHV Big Twins from 36-69 (repl. OEM 25785-30A) sold in pairs $16.49

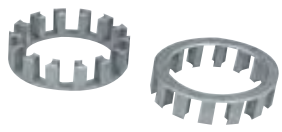
20093 Spacers. Fits OHV Big Twins from 36-69 (repl. OEM 25800-36) sold in pairs $11.99

20079 Idler shaft kit. Contains idler shaft and one bushing. Fits OHV Big Twin models from 41-69 (repl. OEM 25791-36) $16.49

20657 JIMS Idler shaft and bushing kit. Contains idler shaft and one bushing. Fits OHV Big Twins 36-69 (repl. OEMs 25791-36, 25785-30A) $34.99

20080 Circuit breaker drive gear stud kit. Contains one shaft and two bushings (repl. OEMs 25856-77, 25785-30A) $20.99

20658 JIMS circuit breaker shaft and bushing kit. Contains one shaft and two bushings for Big Twin models 36-69 (repl. OEMs 25856-36, 25785-30A) $36.99

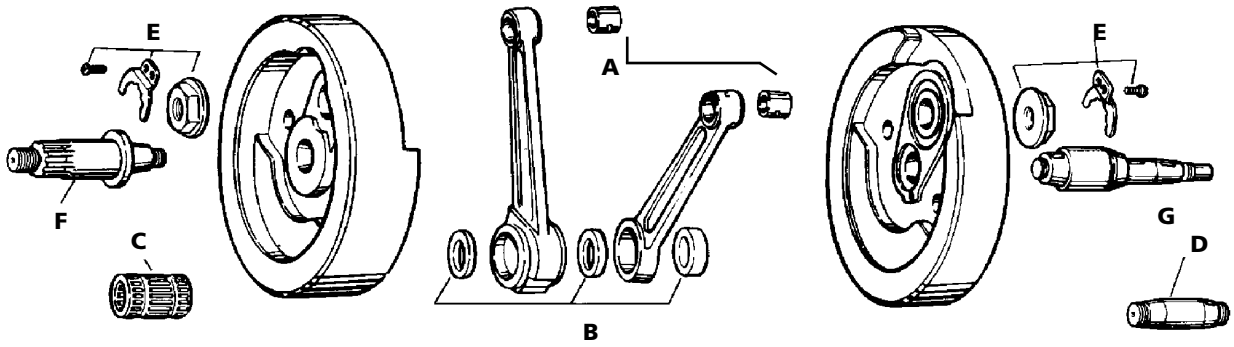


Bearing Retainer Cage

Right crankcase bearing retainer and cage for all Big Twin motors 58-86. Does not include sized needle bearings. Sold in pairs.

18669 Replaces OEM 43578-35 . . . . . $18.99

*Prices shown are suggested retail prices only. Actual retail prices are determined by each dealer and may vary.



A. Upper Rod Bushings

25273 Bushing, upper piston rod +.002" oversize. (repl. OEM 24334-36) Sold in pairs. $7.99

25608 Standard. Fits Sportster and K models from 52-03 (repl. OEM 24331-36) Sold in pairs. $24.99

B. Connecting Rod Races

Complete set of three male and female races.

15928 Fits Evolution Big Twin models from 36-99 (repl. OEMs 24345-36A, 24356-36A) $26.99

15929 Fits Sportster and K models from 52-99 (repl. OEMs 24352-52A, 24341-52A) $26.99

20636 JIMS races. Fits Evolution Big Twins from 36-99 (repl. OEMs 24345-36A, 24356-36A) $64.99

C. Rod Rollers and Retainer Kit

18678 Standard. Fits Evolution Big Twin models 87-99 (repl. OEM 24346-87A) $81.99

18671 Standard. Fits Big Twin models from 40-86 (repl. OEM 24385-40B) $32.99

18674 Standard. Fits Sportster and K models 52-E86 (repl. OEM 24370-52B) $29.99

D. JIMS Crank Pins

20041 Fits 41-E81 Big Twin models (repl. OEM 23961-41) 3-hole crankpin. $89.99

20422 Fits Evolution Big Twins from late 81-99 (repl. OEM 23961-80A) $91.99

22332 Oversize +.001" for Big Twins from late 81-99 (3-hole crankpin) $91.99

22333 Oversize +.002" for Big Twins from late 81-99 (3-hole crankpin) $91.99

20042 Fits Sportster and K models from 54-E81 (repl. OEM 23960-54) 3-hole crankpin $85.99

20420 Fits Sportster models from late 81-03 (repl. OEM 23960-80A). $85.99

D. Custom Chrome Crank Pins

Pins are Rockwell tested 65 on a C-scale.

18670 Fits Big Twin models 41-E81 (repl. OEM 23961-41). $43.99

18676 Fits Big Twin models late 81-E83 (repl. OEM 23961-80) $41.99

18673 Fits Sportster models 54-E81 (repl. OEM 23960-54) $51.99

Custom Chrome Crank Pin Keys

20090 Fits Sportster and Big Twin models from 36-E81 (repl. OEM 23985-18) pack of 10 ..... $5.49

56307 Fits Sportster and Evolution Big Twin models from late 81-03 (repl. OEM 11218) pack of 10. ..... $5.49

JIMS Crank Pin Keys

20924 Fits Sportster and Big Twin models from 36-E81 (repl. OEM 23985-18) pack of 10 ..... $12.99

20926 Fits Big Twins from late 81-99 (except Twin Cam 88 models) and Sportster models from late 81-03 (repl. OEM 11218) pack of 10. ..... $9.99

E. Crank Pin Nut Kits

Each kit includes two nuts, two locks and two screws.

20076 Fits all Big Twin models 36-84 (except Evolution models). Complete kit (repl. OEM 23966-78) $27.99

F. JIMS Sprocket Shafts

20025 Fits 30-54 Big Twin models (repl. OEM 24001-30). $67.99

20072 Fits 56-64 Big Twin models (repl. OEM 24001-56). $96.99

20074 Fits 70-71 Big Twin models (repl. OEM 24001-70). $101.99

20075 Fits 72-E81 Big Twin models repl. OEM 24001-72) $101.99

20781 Fits late 81-E85 Big Twin models. Complete kit includes the shaft, two nuts, and a key $127.99

20059 Fits 57-76 Sportster models (repl. OEM 24000-57) $93.99

Sprocket Shaft Keys for Big Twins

20092 Fits 56-71 models (repl. OEM 23985-56) pack of 10 ..... $7.49

G. JIMS Pinion Shafts

20028 Fits 39-53 Big Twin models (repl. OEM 24007-39). $116.99

20060 Fits 58-72 Big Twin models (repl. OEM 24006-58). $96.99

20061 Fits 73-E81 Big Twin models (repl. OEM 24006-73). $96.99

20644 Fits late 81-86 Big Twin models. Metering oil screw included (repl. OEM 24006-73). $97.99

Note: Late 81-E83 motors require 3/4"-20 nuts (CC #20271 or OEM 24016-80) when using CC #20644 or CC #20784.

20008 Fits 57-76 Sportster models (repl. OEM 24005-57) $102.99

Custom Chrome Pinion Shaft Keys for Big Twins

20089 36-E81 (repl. OEM 23985-12) pack of 10. ..... $11.99

56307 Fits Sportster and Evolution Big Twin models from late 81-03 (repl. OEM 11218) pack of 10. ..... $5.49

JIMS Pinion Shaft Keys for Big Twins

20926 Fits Big Twins from late 81-99 (except Twin Cam 88 models) and Sportster models from late 81-03 (repl. OEM 11218) pack of 10. ..... $9.99

JIMS Left-Hand Screws for Pinion Gear Shafts

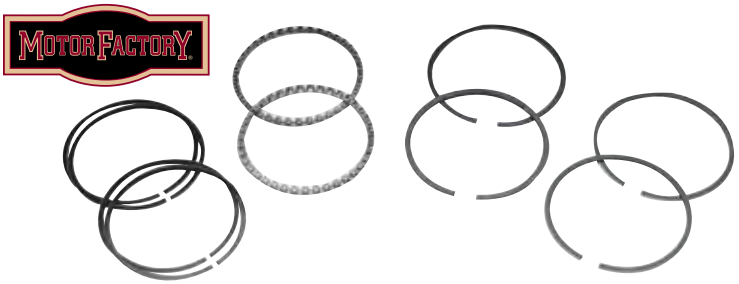
20007 Replaces OEM 24020-51 (pack of 10). $121.99

Motor Factory Pistons

These cast aluminum pistons provide a lower-cost alternative. They're available in stock compression versions only and come with fitted wrist pins and late-style piston 'E' clips. The pistons for Panhead and Shovelhead Big Twins feature integral steel struts for expansion and distortion control. All pistons will accept our replacement Motor Factory piston rings. Sold each.

	For Early Sportster Models				For Evolution Sportster Models		
			1000cc 9:1	Price		1200cc 9:1	Price
STD.			16908	$28.99	STD.	16941	$31.99
.010			16909	$27.99	.005	16942	$31.99
.020			16910	$28.99	.010	16943	$31.99
.030			16911	$28.99	.020	16944	$31.99
.040			16912	$28.99	.030	16945	$31.99
.050			16913	$27.99			
.060			16914	$27.99			

	For Panheads and Shovelheads				For Evolution Big Twin Models		
	1200cc 8.5:1	Price	1340cc 8:1	Price		1340cc 8.5:1	Price
STD.	16916	$30.99	16924	$32.99	STD.	16929	$30.99
.010	16917	$30.99	16925	$32.99	.005	16930	$30.99
.020	16918	$30.99	16926	$32.99	.010	16931	$29.99
.030	16919	$30.99	16927	$32.99	.020	16932	$30.99
.040	16920	$30.99	16928	$32.99	.030	16933	$29.99
.050	16921	$30.99					
.060	16922	$30.99					
.070	16923	$30.99					



Motor Factory Piston Rings

These ring sets are manufactured by Motor Factory and are the ideal combination of design and materials that work together as a team, delivering full power and lasting oil and blow-by control. All ring faces are pre-lapped for easier seating, and in the moly sets, the compression ring features a moly insert on its barrel face de sign. The exclusive Flex-Vent oil control ring is the easiest of all designs to install because there are no right sides up or sides down. It can't overlap, can't gouge and can't be installed wrong. The 80-plus shoulders on the die-formed stainless-steel stress relieved spacer-expander exerts uniform pressure on the rails assuring positive oil control, and with its open design affords 200% greater drainage capacity than conventional designs. Even with all these features, Motor Factory rings are made available by Custom Chrome at a low, affordable cost, resulting in the ideal combination of performance and value.

All Motor Factory Piston Rings are sold in sets for two pistons with the exception of the rings for Evolution Sportster models, which are sold in single cylinder sets only.

For Twin Cam 88 & 95" Models

	3 3/4" 1450cc 99-10		3 7/8" 1550cc 99-10	
	MOLY	Price	MOLY	Price
Std.	58920	$49.99	58900	$50.99
.005	58921	$49.99	58901	$50.99
.010	58922	$49.99	58902	$50.99
.020	58923	$49.99	58903	$50.99
.030	58924	$49.99	58904	$50.99
	1.5 mm Compression rings 3.0mm Oil rings		1.5 mm Compression rings 2.5mm Oil rings	

For Sportster Models

	1000cc MOLY	Price	E72-85 CAST	Price	883cc MOLY	Price	1100cc MOLY	Price	1200cc			
									MOLY	Price	CAST	Price
Std.	23001	$41.99	23030	$37.99	23080	$29.99	23090	$53.99	23100	$37.99	23110	$32.99
.005	n/a		n/a		23081	$29.99	n/a		23101	$37.99	23111	$32.99
.010	23002	$41.99	23031	$37.99	23082	$29.99	n/a		23102	$37.99	23112	$32.99
.020	23004	$41.99	23032	$37.99	23083	$29.99	n/a		23103	$37.99	23113	$32.99
.030	23005	$41.99	23033	$37.99	n/a		n/a		23104	$37.99	23114	$32.99
.040	23006	$41.99	23034	$37.99	23085	$29.99	n/a		n/a		n/a	
.050	23007	$41.99	23035	$37.99								
.060	23008	$41.99	23036	$37.99								
.070	23009	$41.99	23037	$37.99								

For Big Twin Models (except Twin Cam 88 Models)

	1200cc 48-80				1340cc E78-83				L83-84 Shovel				84-00 Evolution			
	MOLY	Price	CAST	Price	MOLY	Price	CAST	Price	MOLY	Price	CAST	Price	MOLY	Price	CAST	Price
Std.	23010	$37.99	23038	$29.99	23023	$38.99	23046	$31.99	23100	$37.99	23110	$32.99	23100	$37.99	23110	$32.99
.005	n/a		n/a		n/a		n/a		23101	$37.99	23111	$32.99	23101	$37.99	23111	$32.99
.010	23011	$37.99	23039	$29.99	23024	$38.99	23047	$31.99	23102	$37.99	23112	$32.99	23102	$37.99	23112	$32.99
.020	23012	$37.99	23040	$29.99	23025	$38.99	23048	$31.99	23103	$37.99	23113	$32.99	23103	$37.99	23113	$32.99
.030	23013	$37.99	23041	$29.99	23026	$38.99	23049	$31.99	23104	$37.99	23114	$32.99	23104	$37.99	23114	$32.99
.040	23014	$37.99	n/a		n/a		n/a		n/a		n/a		n/a		n/a	
.050	n/a															
.060	n/a		23044	$29.99	1/16" Compression rings 3/16" Oil rings				1/16" Compression rings 5/32" Oil rings				1/16" Compression rings 5/32" Oil rings			
.070	n/a		n/a													

*Prices shown are suggested retail prices only. Actual retail prices are determined by each dealer and may vary.

3 5/8" Big Bore Cylinders for Shovelheads

Cast iron 3 5/8"-bore cylinders offer a lower cost alternative to engine builders. Available in standard length for stock strokes (3 31/32", 4 1/4") or 4 3/8" flywheels. Fit Shovelhead models from 66-84. Sold each without pistons.

011110 Standard-length front cylinder (5.330"-tall) $169.99

011111 Standard-length rear cylinder (5.330"-tall) $169.99

Cylinders for 74" Panheads

Quality cast iron cylinders for Panhead models 48-65. Wall thickness is designed for use with 74" or 80" bore. Cylinders come bored for standard 74" (1200 cc), 3 7/16" bore pistons. 5.330" stock length. Final honing is required. Pistons are not included. Sold each.

011100 Front (repl. OEM 16483-48) $159.99

011102 Rear (repl. OEM 16492-48) $159.99

Timing Hole and Oil Tank Plugs

Clear View Timing Hole Plug

The best see-thru timing plug you can buy. Fits all models. Temporarily remove the stock timing plug and insert this top-quality tool for easy timing.

12278 Sold each $6.99

Plastic Timing Hole Plug

Made of clear, durable Lucite and sold as a lower cost alternative to our Clear View plug.

12279 Individual clear timing plug. $3.99

12280 Shop supply card of 10 plugs. $34.99

Cylinders for Shovelheads

Cast iron alloy cylinders for Shovelhead engines from 66-84. Available bored for standard 74" or 80" pistons. Final honing is required. Pistons are not included. 5.330" stock length. Sold each.

011104 74" (1200 cc) front cylinder (repl. OEM 16484-66) $159.99

011106 74" (1200 cc) rear cylinder (repl. OEM 16492-66) $159.99

011109 80" (1340 cc) front cylinder (repl. OEM 16498-80A). $159.99

011108 80" (1340 cc) rear cylinder (repl. OEM 16499-80A). $159.99

RevTech High-Performance Shovelhead Big Bore Cylinder Set

These cylinders are cast of a specially-formulated iron alloy that's charged with a much higher chromium content than is typically used. This results in improved ring compatibility and much better wear resistance. The RevTech cast iron alloy demonstrates greatly increased strength at elevated temperatures and resists thermal shock loads 2.4 times greater than conventional cast iron. The RevTech cylinder design strengthens the casting's 'foundation' and its greatest 'weak point'... the base. Even the cooling fins have drawn the attention of RevTech engineers – they have been re designed for greater heat dissipation. There is an attention to detail and ease of assembly that isn't commonly found in high-performance products. The special design base nuts offer greater strength while the cylinder base nut reliefs are fully machined to insure clearance for both the nut and a normal closed end wrench, so they can easily be tightened to the correct torque specifications. RevTech cylinder head bolts are forged from 4140 chromemoly steel, then heat-treated. Even the gaskets are of a special design and material that is formulated to adhere under the most extreme heat and pressure. Sold in pairs.

58030 3 5/8"-bore, stock length $619.99

13155 Replacement set of two head and two base gaskets. $12.99

Manley 'Race Master' Valve Train Component Kit

Feature Manley 'Race Master' valves, double spring assemblies, steel or titanium top collars and machined keys for maximum performance. These spring kits require no machining for installation.

Kits for Big Twins from 66-04

99275 Kit with steel top collars for cams up to .550" lift when installed in Twin Cam 88 engines from 99-04 . . . . . .$253.99

99213 Kit with steel top collars for cams up to .550" lift when installed in Evolution Big Twin engines from 84-99 . . . . . .$253.99

99214 Kit with titanium top collars for cams from .550"-.650" lift when installed in Evolution Big Twin engines from 84-99$312.99

99212 Kit with steel top collars for cams up to .495" lift when installed in Shovelhead engines from 66-79 . . . . . .$252.99

99211 Kit with steel top collars for cams up to .495" lift when installed in Shovelhead engines from 80-84 . . . . . .$252.99

Kibblewhite Valve Springs for Panheads and Shovelheads

High-performance 160 lb. valve spring set for Panhead and Shovelhead engines from 48-84.

55197 Set of four $54.99

Motor Factory Valve Springs for 48-84 Big Twins

Top-quality, American-made replacement valve spring sets fit Panhead and Shovelhead models from 48-84. Includes inner and outer springs. Replaces OEM 18205-57A.

010571 Set of 4 . . . . . $47.99

Valve Guide Materials Information

Custom Chrome Cast Iron (sold each)

Easy-to-machine, low-cost with good self-lubricating qualities.

Kibblewhite Cast Iron (sold each)

Self-lubricating, easy-to-machine.

Kibblewhite Bronze (sold each)

Nickel bronze, excellent self-lubricating qualities, minimal distortion during installation.

12182

24440

24351

Size	Custom Chrome Cast Iron				Kibblewhite Cast Iron				Kibblewhite Bronze			
	INTAKE	Price	EXHAUST	Price	INTAKE	Price	EXHAUST	Price	INTAKE	Price	EXHAUST	Price
For 74" & 80" Panheads and Shovelheads from 48-80												
STD.					**24440**	$12.49	**24450**	$12.49	**24351**	$17.49	**24355**	$17.49
0.001					**24441**	$12.49	**24451**	$12.49	**24371**	$17.49	**24372**	$17.49
0.002					**24442**	$12.49	**24452**	$12.49	**24352**	$17.49	**24356**	$17.49
0.003					**24443**	$12.49	**24453**	$12.49				
0.004					**24444**	$12.49	**24454**	$12.49	**24353**	$17.49	**24357**	$17.49
0.006					**24445**	$12.49	**24455**	$12.49	**24354**	$17.49	**24358**	$17.49
0.008					**24446**	$12.49	**24456**	$12.49	**24387**	$18.99	**24388**	$18.99
For 80" Shovelheads from 79-84												
STD.					**24400**	$12.49	**24406**	$12.49	**24359**	$17.49	**24363**	$17.49
0.001					**24401**	$12.49	**24407**	$12.49	**24373**	$17.49	**24374**	$17.49
0.002					**24402**	$12.49	**24408**	$12.49	**24360**	$17.49	**24364**	$17.49
0.003					**24427**	$12.49	**24428**	$12.49				
0.004					**24403**	$12.49	**24409**	$12.49	**24361**	$17.49	**24365**	$17.49
0.006					**24404**	$12.49	**24410**	$12.49	**24362**	$17.49	**24366**	$17.49
0.008					**24405**	$12.49	**24411**	$12.49	**24375**	$17.49	**24376**	$17.49
For Sportster Models from 57-83												
STD.					**24460**	$12.49	**24465**	$12.49	**24367**	$17.49	**24369**	$19.49
0.001					**24461**	$12.49	**24466**	$12.49	**24368**	$17.49	**24370**	$19.49

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These fine Jammer products are found in the 2013 Custom Chrome Catalog

MOTOR FACTORY

99193

99195

41711

41516

41812

41816

Motor Factory Valve Guide Seals

Available in convenient single engine overhaul packs of four seals, or in economical shop supply quantities of 25.

Note: Valve guide seals will require machining of valve guide and/or collar in order to re-establish correct overall valve guide height on all but the latest-style valve guides. Installation tools are available separately. Refer to service manual and valve guide specifications for modifications required.

Single engine overhaul packs (4 seals)

99193 Fits Sportster models from 57-85 ..... $9.99

99194 Fits Panhead and Shovelhead models from 48-E80 ..... $9.99

99195 Fits Shovelhead models from late 80-84 (without installation tool) $17.99

99196 Fits Evolution Sportster and Big Twin models from 84-01.Valve guide seals. Set of 4. ..... $9.99

Shop supply packs (25 seals)

24345 Fits Sportster model intake valves from 57-85. ..... $39.99

24346 Fits Sportster model exhaust valves from 57-85 ..... $39.99

24348 Fits Panhead and Shovelhead valves from 48-E80 ..... $39.99

24347 Fits Shovelhead valves from late 80-84 ..... $39.99

24349 Fits Evolution Sportster and Big Twin valves from 84-01 .. $39.99

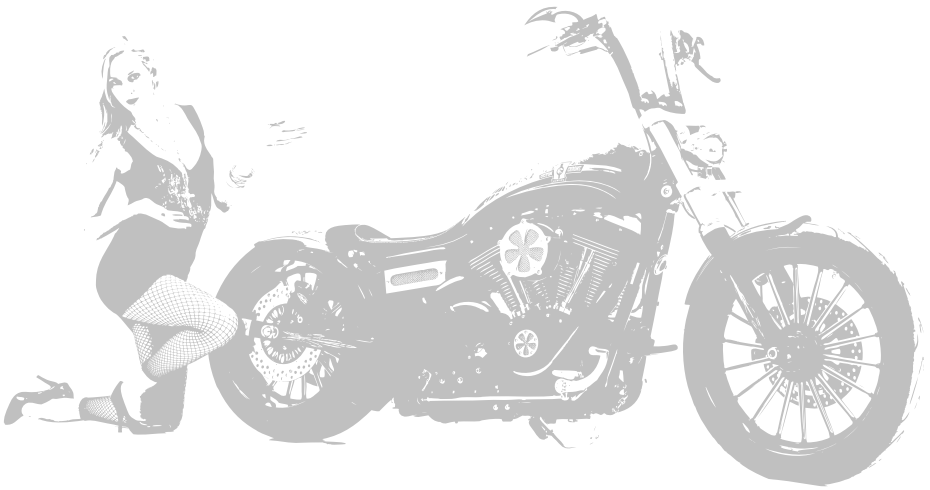
Installation Tools

41711 Cutter with 11/32" pilot. For 57-85 Sportster exhaust valve guides to permit the installation of CC #99193 and #24346 valve guide seals $160.99

41516 5/16" pilot ONLY. For 57-85 Sportster intake valve guides to permit the installation of CC #99193 and #24345 valve guide seals (when combined with CC #41711 cutter) $93.99

41812 Cutter with 3/8" pilot. For use on 48-E80 Panhead or Shovelhead valve guides to permit the installation of CC #99194 and #24348 valve guide seals. $160.99

41816 Cutter with 3/8" pilot. For use on late 80-84 Shovelhead valve guides to permit the installation of CC #99195 and #24347 valve guide seals $160.99



MANLEY

Manley Viton Seal Kit Kits

Viton seals have taken over the horsepower market. With their smaller O.D., spring interference is unlikely. They meter the oil better, allowing better lubrication but not too much. The sealing rings will last longer then normal. A far superior valve seal than most others.

699180 Fits Sportster models from 57-85 .....$11.99

699181 Fits Panhead and Shovelhead models from 48-E80 .....$11.99

699182 Fits Shovelhead models from late 80-84 .....$11.99

699183 Fits Evolution Sportster models from 86-11, and Big Twins from 84-04 .....$11.99

699184 Fits Twin Cam models from 05-13 .....$11.99

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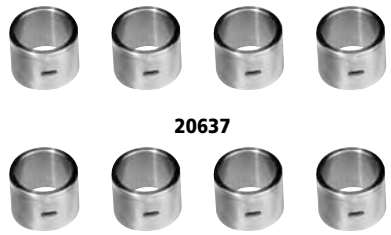


JIMS Rocker Arm Bushings

Replacement bushings made from solid bronze bar stock. Sets of 8.

20637 Fit all Big Twins from 66-84 and all Sportster models from 57-85 (repl. OEM 17428-57) $45.99

20958 Fit all Twin Cam and Evolution Big Twin and Sportster models from 84-10, and Buell models from 86-02 (repl. OEM 17428-83). $45.99

Note: CC #20958 is same as #20637 but without the mill slot. Do not use CC #20958 on Shovelheads or Ironhead Sportster models.

JIMS Rockershafts

Precision-ground high-quality rocker shafts replace Original Equipment parts perfectly. Precision shafts are American-made and centerless ground for accuracy. Stock diameter. Sold each.

20639 Fits Evolution Sportster and Big Twin engines, and Twin Cam engines from 84-12 (repl. OEM 17611-83) $26.99

20638 Fits Shovelhead Big Twin engines from 66-84 (repl. OEM 17611-66B) $74.99

Vulcan Engineering Rocker Arm Shaft Teflon Seal Set

668136 66-69 Big Twin. $9.49

Rockershaft for Evolution and Twin Cam Models

American-made, precision-ground and hardened steel shaft that duplicates the Original Equipment part. Fit all Evolution and Twin Cam motors from 84-12.

28027 Rocker arm shaft. Fits 84-12 Big Twin and Sportster models (repl. OEM 17611-83) (sold each). $9.99

28081 Replacement rocker arm bushing (repl. OEM 17428-57) sold each $2.99

Kibblewhite Bronze Alloy Rocker Arm Bushings

CNC-machined from solid SAE-642 bronze alloy. Set of 8.

55138 Fit all Big Twins from 66-84 . . . $34.99

Note: Must be installed and sized according to factory service manual.

Rockershafts

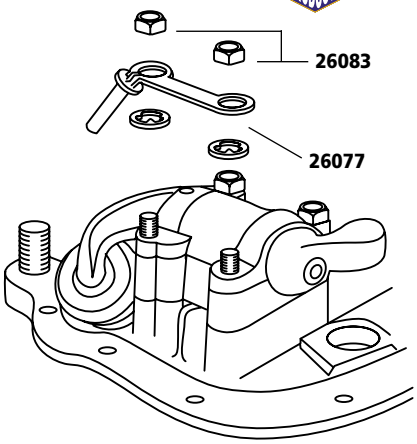
Replacement rockershafts for Big Twin and Sportster models. Sold each.

28026 Fits Sportster models 57-85 (repl. OEM 17435-57B) $15.99

26078 Fits Shovelhead Big Twins 71-84 (repl. OEM 17611-66B) $19.99

20083 Rockerarm shims for Shovelheads 66-84 (.007") pack of 10 . . . . . $5.49

628000 Rockerarm spacer for Shovelheads (repl. OEM 17452-66). $10.49



Panhead Rocker Oilers and Nuts

Exact reproductions of Original Equipment intake rocker oilers and the self-locking rocker arm stud nuts.

26077 Rocker arm oilers (repl. OEMs 18100-49 and 18102-49) sold in pairs $9.99

26083 Rocker arm stud nuts (repl. OEM 7727) pack of 25 . . . . . $9.99

Rocker Arm Shim Kit for Shovelhead Engines

Reduces top end noise with special preloaded spring shims installed on the pushrod side of the rocker shaft. Includes spring shims, spacers, and rocker plug seals. The seals are designed to conform to the rocker shaft and cover hole for a positive seal. Seals are also available separately. Fits Shovelhead models 66-84.

010519 Rocker arm shim and seal kit $19.99

010518 Rocker arm (special seals designed to conform to the rocker shaft and cover hole), 66-84 (pack of 4). $7.99

Motor Factory Rocker Arm Shims

Fit all Shovelhead engines from 66-84. Sold in packs of 10.

010501 .005"-thick $5.99

010537 .010"-thick $5.49

010515 .015"-thick $7.49

010538 .020"-thick $6.49

Rocker Arms for Shovelheads

Fit generator and alternator models from 66-84. Sold each.

26079 Fits rear exhaust/front intake (repl. OEM 17360-66) $29.99

26080 Fits front exhaust/rear intake (repl. OEM 17375-66) $29.99

28081 Replacement rocker arm bushing (repl. OEM 17428-57) sold each $2.99

JIMS Roller Rockers for Shovelhead Models

Designed to reduce friction in the valve train. This provides more horsepower and less heat in the top end. Fits Shovelhead models from 66-84 (1.43:1 stock ratio).

20922 Sold in sets of four $657.99

Replacement Parts

20973 Rocker arm rollers (pack of 4) $46.99

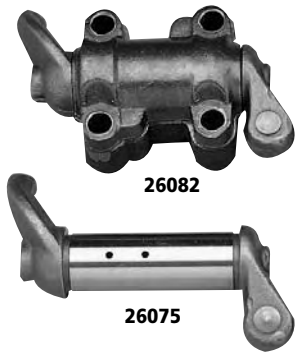
20960 Rocker arm axles (pack of 4) $19.99

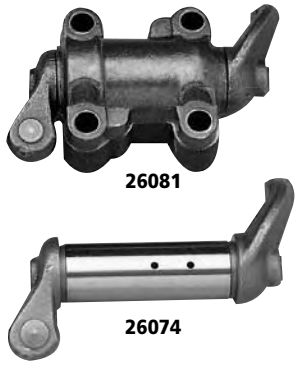
20961 Rocker arm lock rings (pack of 8) $6.49

Vulcan Engineering Shovelhead Rocker Box Flange Nut Set

Chrome plated flanged nuts with stainless steel flat washers. One set is for both heads.

668185 . . . . . $25.99





Panhead Rocker Arms and Assemblies

Quality reproductions of the stock parts for 48-65 Panheads.

Rocker Arms Only, Sold each.

26074 Fits rear exhaust/front intake (repl. OEM 17360-48) . . . $33.99

26075 Fits front exhaust/rear intake (repl. OEM 17375-48) . . . $32.99

Complete Assemblies, Sold each.

26081 Fits rear exhaust/front intake $94.99

26082 Fits front exhaust/rear intake $94.99

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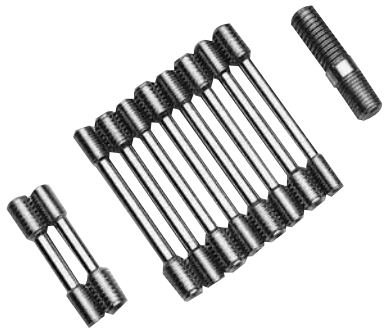


Rocker Box Stud Kit for Shovelhead Engines

This high-quality American-made kit contains 8 long studs, 2 short studs and 1 motor mount stud. The extra short stud provided replaces one of the long studs on late-model Shovelheads.

28455 Replaces OEMs 17506-66, 17508-66 and 16864-48 . . . . . $49.99

Vulcan Engineering Shovelhead Rocker Box Stud Set

Made from 17-4PH stainless steel. Full 5/16" stud diameter for superior strength. Set includes motor mount studs and is for both heads.

668184 Fits Shovelhead motors from 66-84 . . . . . $65.99

Chrome Panhead 'D' Rings

Thick aluminum 'D' rings with a show-chrome finish for all Original Equipment pan covers as well as any of the aftermarket offerings. Helps prevent oil leaks around the pan gasket. Comes complete with chrome sockethead capscrews.

12270 'D' rings and screws $71.99

12271

Chrome Pan Covers

Beautifully show-chromed, heavy-gauge steel covers. Fit all Panheads from 48-65.

12271 Set of two Pan covers (repl. OEM 17500-54) $78.99
651308 Set of two aluminum Pan covers (chrome) $125.99
651310 Set of two brass Pan covers (polished) $344.99
660355 Rocker cover gasket (thin), 48-65, Hydro-Fused $20.99
12054 Thick cork/rubber rocker cover gasket (repl. OEM 17541-48B) pack of 10 . . . . . $15.99
12067 Thick rocker cover gasket made of cork/rubber composite (Pack of 10) $44.99

Pan Cover Screw Kits

Chrome screw kits fit Panhead models 48-65. Sold in set of 24. Replaces OEM 3578W

500850 Chrome sockethead for use with steel "D" ring $17.99

632256

651309

Ribbed Panhead Covers

Heavy-gauge steel covers with out of sight lookin' ribs!. Beautifully show-chromed and fit all Panheads from 48-65. Use with our #12270 "D" rings. Sold in pairs. Made in USA by Paughco.

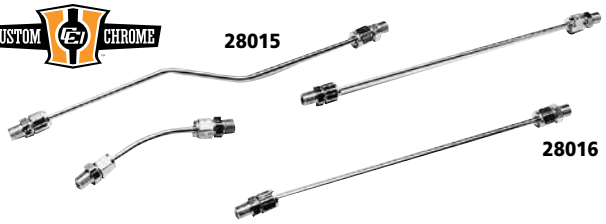
632256 Ribbed Panhead covers $79.99
651309 Ribbed Brass Panhead covers $344.99

Overhead Rocker Arm Oil Lines

Sets of two braided oil lines.

12427 Fits 66-84 Shovelheads. $15.99

12428 Fits 57-85 Sportster models $16.99



Chrome Rocker Oil Lines

Chromed rocker box oil lines for Sportster models and Shovelheads. Includes complete set of fittings and seals (2 lines).

28015 Fits Shovelheads 66-84 (repl. OEMs 62783-66A, 62785-66A) $13.99

28016 Fits Sportster models (except magneto models) from 57-85 (repl. OEM 17324-57A) $13.99

Rocker Box Oil Line Fittings

Includes chrome fittings and seals for the rocker box oil lines on all Sportster models and Shovelheads 57-85.

010421 Sold in pairs (repl. OEMs 63527-57A, 63526-57) $5.99

12074 Motor Factory oil line sleeves ONLY (repl. OEM 63529-57) pack of 10. . . . . $2.49

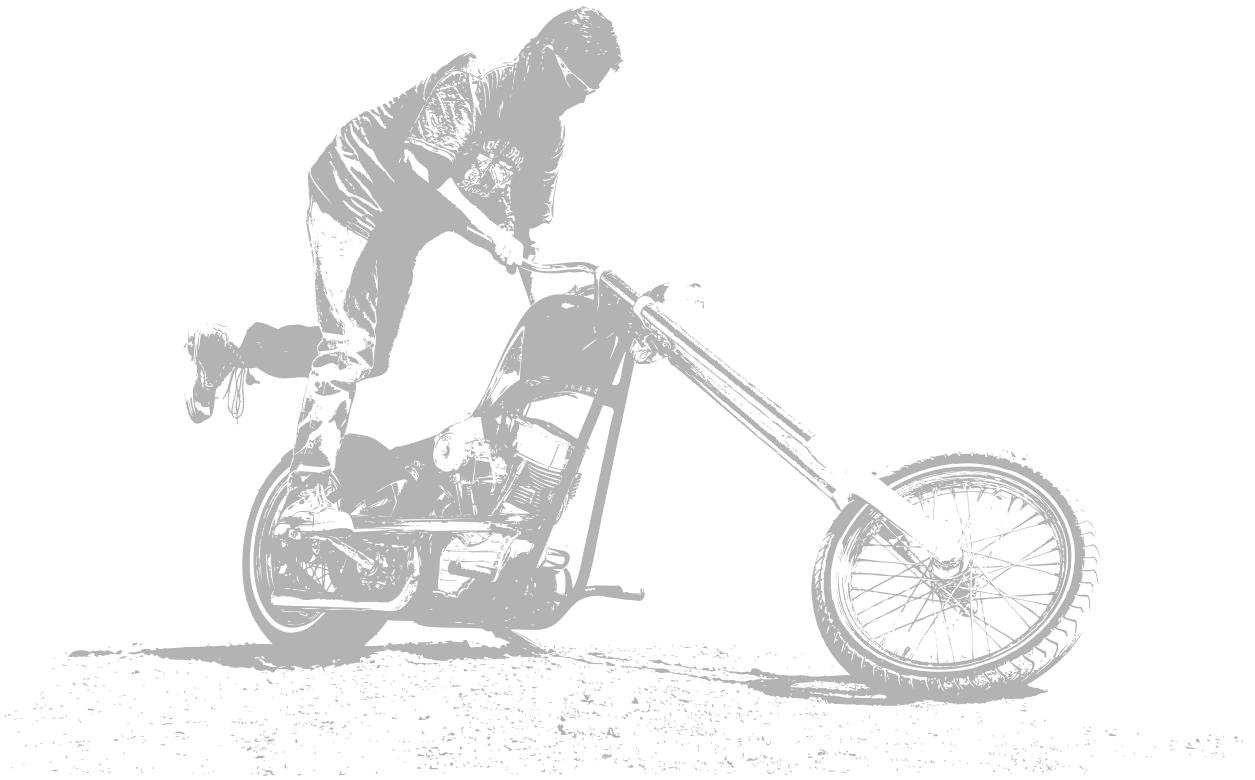
Panhead Rocker Oil Line Kit

This kit was created for our Pandemonium motors using stainless steel braided hoses and AN-3 fittings along with a black anodized billet aluminum fitting with a extra tapped hole for mounting a oil gage or oil pressure switch. Fits most aftermarket generator style cases.

668241 Oil line kit. $83.99

668240 Oil line fitting. Sold each $34.99

614400 Braided oil line set $51.99



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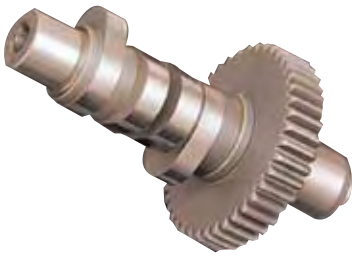


Andrews Cams for Panhead and Shovelhead Motors

All Andrews/Custom Chrome cams are computer designed and precision ground from alloy steel billets.

'J' Grind

Mild street; Panheads and Shovelheads, smooth idle, more power through RPM range. Bolts in with no head work.

24276 48-69 ..... $145.99
24277 70-E77 ..... $145.99
24278 Late 77-84 ..... $145.99

'F' Grind

Basically an 'A' grind cam with delayed timing for no ping! Lots more power than stock cam. Bolts into Shovelheads (except 80-81 models) with no head work.

24282 48-69 ..... $145.99
24283 70-E77 ..... $145.99
24284 Late 77-84 ..... $145.99

'A2' Grind

Street/Drags; bolts into Shovelhead engines (except 80-81 models) with no head work. More mid-range and top-end power. Idle smoothness is unaffected.

24250 48-69 ..... $145.99
24251 70-77 ..... $145.99

'B2' Grind

Street/Drags: much more mid-range and top-end power. Idle smoothness unaffected. The cam for modified 74" and 80" motors and small strokers. Spring spacing required, or use with CC #24295 medium lift spring collars, and CC #24296 low-profile spring collars to simplify installation.

24253 48-69 ..... $145.99
24255 B2 Grind 74" L77-84 ..... $145.99

'AB' Grind

An 'A' intake and a long-duration exhaust for cooler running and more top-end power. Bolts into Shovelheads (except 80-81 models) with no head work. Works with hydraulic lifters.

24157 48-69 ..... $145.99
24158 70-E77 ..... $145.99
24159 Late 77-84 ..... $145.99

'BH' Grind

Hydraulic version of 'B' cam. Usually a bolt-in, but spring spacing may be required on 80-81 Shovelhead models. CC #24295 and CC #24296 spring collar kits are recommended to simplify installation.

24285 48-69 ..... $145.99
24286 70-E77 ..... $145.99
24287 Late 77-84 ..... $145.99

'#6' Grind

Hotter version of a 'B' grind. Great street cam especially for 84" and 88" strokers with maximum torque from 2500-6500 RPM.

24330 48-69 ..... $186.99

'C' Grind

The best production cam made for big street engines. Stroker motors from 84 to 96 inches will really turn on this cam. Broad torque range pulls from 2000-7000+ RPM.

24333 48-69 ..... $186.99
24334 70-E77 ..... $186.99
24335 Late 77-84 ..... $186.99

'#1' Grind

This version of an 'A2' grind cam was designed for 74" engines with low compression pistons.

24288 48-69 ..... $145.99
24289 70-E77 ..... $145.99
24290 Late 77-84 ..... $145.99

'#2' Grind

This one is the low compression version of a 'B2' grind cam. More power throughout the RPM range for 74" engines with low compression pistons.

24292 70-E77 ..... $145.99
24293 Late 77-84 ..... $145.99

GRIND	OPEN	CLOSE	DURATION @ .053	VALVE LIFT	
'J' Grind					
Intake	21°	41°	242°	.405	.425
Exhaust	41°	21°	242°	.405	.425
'F' Grind					
Intake	16°	48°	244°	.450	.470
Exhaust	48°	16°	244°	.450	.470
'A' Grind					
Intake	21°	43°	244°	.450	.470
Exhaust	43°	21°	244°	.450	.470
'B' Grind					
Intake	26°	50°	256°	.485	.507
Exhaust	50°	26°	256°	.485	.507
'AB' Grind					
Intake	21°	43°	244°	.450	.470
Exhaust	50°	26°	256°	.450	.470
'BH' Grind					
Intake	24°	52°	256°	.450	.470
Exhaust	52°	24°	256°	.450	.470
'#6' Grind					
Intake	32°	56°	268°	.510	.535
Exhaust	56°	32°	268°	.510	.535
'C' Grind					
Intake	37°	61°	278°	.525	.550
Exhaust	61°	37°	278°	.525	.550
'#1' Grind					
Intake	16°	36°	232°	.427	.450
Exhaust	36°	16°	232°	.427	.450
'#2' Grind					
Intake	15°	35°	230°	.490	—
Exhaust	35°	15°	230°	.490	—

Note: In Big Twin motors 48-69, the clearance between the front exhaust lobe and the ignition drive gear must be checked and modified if required. Big Twin motors 48-57 will also require that the clearance between the front intake lobe and the engine case be checked and modified as necessary.

Andrews Cams for Early Sportster Models

'Y' Cams

Biggest cams available for no headwork installation. Excellent mid-range and upper end power. Can use stock springs. A 9:1 or higher compression ration is required for best performance. Sold in sets.

011328 Fits Sportster models from 57-70 . . . . . $427.99
011329 Fits Sportster models from 71-80 . . . . . $361.99
011330 Fits Sportster models from 81-E84* $361.99

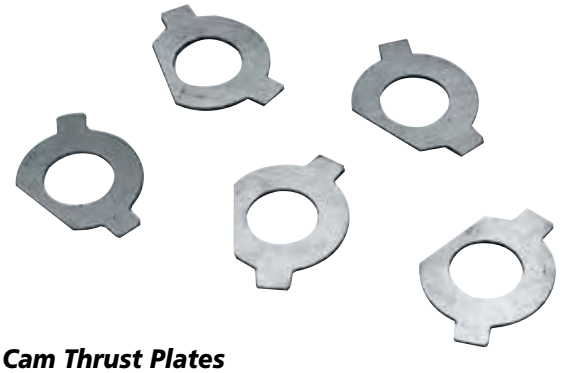
'PB+' Cams

Great bolt-in cams for more power throughout the rpm range. No head work required. Can use stock springs up to 7000 rpm. Sold in sets.

011325 Fits Sportster models from 71-80 . . . . . $361.99
011326 Fits Sportster models from 81-E84 . . . . . $407.99

Grind	Open	Close	Duration @ .053	Valve Lift
'Y' Grind				
Intake	35°	47°	262°	.425"
Exhaust	53°	29°	262°	.425"
'PB+' Grind				
Intake	34°	40°	254°	.410"
Exhaust	43°	31°	254°	.410"

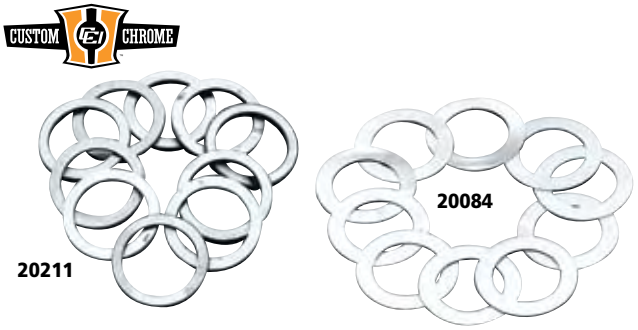
*Note: 1982 models may require spring spacing



Cam Thrust Plates

American-made reproductions of the Original Equipment part. Fit all Big Twins from 58-99. Pack of 5.

25404 Thrush washer, cam gear. (repl. OEM 25550-57) Pack of 5. . . .$14.99



Cam Shims for Big Twins

For all Big Twins from 36-99, and made in the U.S.A. Each shim from the set is available in shop supply packs of five each.

Shims Available in 11 Different Sizes

Sold in packs of 5.

20211 .050" thick (OEM 25550-36) $9.99
20212 .055" thick (OEM 25551-36) $9.99
20213 Cam shims .060" thick. (repl. OEM25552-36) Pack of 5. . . . .$9.99
20214 Cam shims .065" thick. (repl. OEM25553-36) Pack of 5. . . . .$9.99
20215 Cam shims .070" thick. (repl. OEM25554-36) Pack of 5. . . . .$9.99
20216 Cam shims .075" thick. (repl. OEM25555-36) Pack of 5. . . . .$9.99
20217 Cam shims .080" thick. (repl. OEM25556-79) Pack of 5. . . . .$9.99
20218 .085" thick (OEM 25557-79) $9.99
20219 .090" thick (OEM 25558-79) $9.99
20220 .095" thick (OEM 25558-79) $9.99
20221 .100" thick $9.99

The 10-piece set includes a selection of shims from .050" thru .095" to aid in camshaft installation.

20210 Set of 10 shims. $17.99

Cam Shims for Sportster Models

A must when setting up new cams. Fit 57-85 Sportster engines. Packs of 10.

20084 .007"-thick (repl. OEM 6769) $3.99
20085 .005"-thick (repl. OEM 6770) $3.99

Motor Factory Cam Bearings

American-made bearings for Sportster and Big Twin models. Sold each.

25400 Fits Sportster models from 54-90 (repl. OEM 9057) $13.49
25403 Fits all Big Twin models from 58-99 (repl. OEM 9058) $10.49

*Prices shown are suggested retail prices only. Actual retail prices are determined by each dealer and may vary.

Standard Big Axle

JIMS Powerglide Tappets

All-new design improves tappet reliability by eliminating the inner bearing race. Simplifying the design of the tappet increases the wall thickness of the roller by 27%, and provides a 36% increase in the size of the tappet axle. The result is a tappet with twice the strength and stability of the stock design. Sold each.

Standard Powerglide Tappets for Early Sportster Models

Solid tappets compatible with the Original Equipment tappet blocks on Sportster models from 57-85.

20581 Standard $81.99

20582 .005" oversize $93.99

Standard Powerglide Tappets Big Twins from 48-84

Hydraulic tappets compatible with the Original Equipment tappet blocks on Panheads and Shovelheads from 53-84.

20584 Standard (repl. OEM 18522-53) $73.99

20583 .005" oversize $80.99

Solid adjustable tappets compatible with the Original Equipment tappet blocks on Panheads and Shovelheads from 48-84.

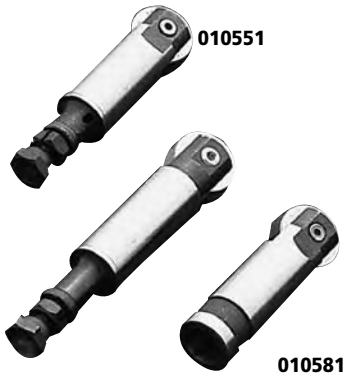
20580 Standard (repl. OEM 18492-48) $81.99

Hydraulic tappets compatible with Original Equipment tappet blocks and cases with oil passages to tappet blocks on Panhead and Shovelhead motors from 53-84. Must be used in conjunction with JIMS Pro-Lite Pushrods ONLY (CC #20928).

20586 Standard $115.99

20585 .005" oversize $122.99

Note: Roller-to-tappet block clearance must be checked on Panhead and Shovelhead motors with high-lift cams, and must be used with OEM 17904-66 or equivalent pushrods.



Motor Factory American Made Tappet Assemblies

Top quality American made tappet assemblies available for Sportster, Panhead and Shovelhead models. Sold each.

Note: Adjusters and lock nuts sold separately.

010551 Std. for Sportster models from 52-85. . . . . $54.99

010552 +.005" for Sportster models from 52-85 . . . . . $54.99

010564 +.005" for Panhead models from 48-52 . . . . . $59.99

010581 Std. for Panhead and Shovelhead models from 53-84 (hydraulic) $49.99

010580 +.005" for Panhead and Shovelhead models from 53-84 (hydraulic). $49.99

Motor Factory Hydraulic Unit for Big Twins

A high quality hydraulic unit from the Original Equipment manufacturer for 53-84 Panheads and Shovelheads.

56149 Replaces OEM 17920-53A (sold each) $89.99

Replacement Hydraulic Unit for Big Twins

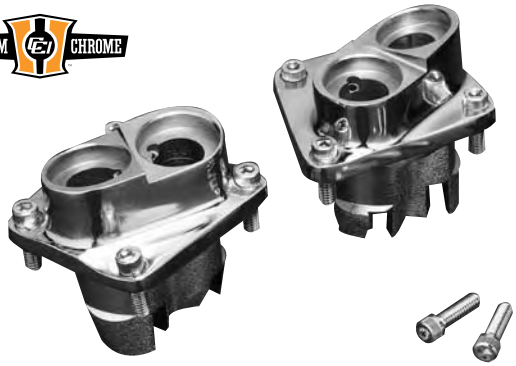
Low priced alternative. Fits Panheads and Shovelheads from 53-84.

56140 Replaces OEM 17920-53A (sold each) $41.99

Hydraulic-to-Solid Lifter Conversion Kit

Converts hydraulic lifters to solids and still uses the factory pushrods. A very easy and inexpensive way to convert to solid lifters. Set of four.

36108 Fits Big Twin models from 53-84 (except Evolution models) $19.99



Chrome Lifter Blocks for Big Twins

Chrome lifter block set for Pan head and Shovel-head Big Twins from 53-84. Complete with two sets of chrome-plated sockethead capscrews, 1/4"-20 for models from late 76-84 and 1/4"-24 for 53-E76 models.

26170 Complete set of lifter blocks and screws. $124.99

25118 1/4"-24 socketheads for Big Twins from 53-E76 (set of 8). . . $4.99

25119 1/4"-20 socketheads for Big Twins from late 76-84 (set of 8) $5.99

Tappet Guide for Sportster Models

Aluminum guide for all models 57-85. Sold each.

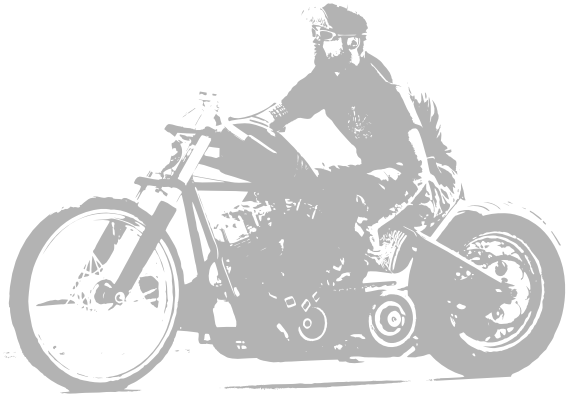
20009 Replaces OEM 18607-57 . . . . . $78.99

Tappet Roller Kits

Fits all OHV Big Twin models (except Evolution models) from 36-84, and Sportster and K models from 52-85. Each kit includes axles. Sets of four.

20051 Replaces OEM 18534-29A. $37.99

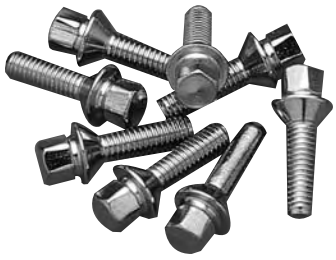
24079 Replacement roller axles (pack of 4) $7.49



Tappet Blocks for Early Big Twins

These late style tappet blocks fit Big Twin models from 53-84. When fitted to 53-E76 models with stock 1/4"-24 tapered screws, a conversion tappet block screw set is required. Screws sold separately. Available with black or chrome finish. Will also fit models from 48-53 without hydraulic lifters. Sold in pairs. Note: Tappet blocks do not have vent fitting found on some 81-82 models.

020020 Black $99.99



Tappet Block Screw Sets

Replace your worn screws with a new chrome-plated set that replaces the originals perfectly. Packs of 8.

93148 1/4"-24 12 6-point countersunk heads for Big Twins from 53-E76 . . . . . $9.49

93149 1/4"-20 12-point heads for Big Twins from late 76-99. . . $9.49

20053 **20052**

20088

Tappet Adjusting Screws and Nuts

20053 Screws. Fits OHV Big Twin models (except Evolution models) from 36-84 (repl. OEM 18555-36) pack of 4. . . . . $9.99

20052 Screws. Fits all Sportster models from 57-85 (repl. OEM 18554-57) pack of 4 . . . . . $9.99

20088 Nuts. Fits all Sportster models from 57-85 and OHV Big Twins (except Evolution models) from 38-84 (repl. OEM 18570-38) pack of 10. . . . . $9.99

*Prices shown are suggested retail prices only. Actual retail prices are determined by each dealer and may vary.

Vulcan Engineering Evolution Style Hydraulic Lifter and Lifter Block Conversion Kits

These Billet aluminum CNC lifter blocks convert your Panhead and Shovelhead motors to a Evolution style hydraulic lifters without changing over to a Evolution style cam. The lifters have the proper .856" roller diameter with a big axle and full compliment of needle bearings. Not the Evolution size roller(.994") which changes cam timing. These kits include the billet aluminum lifter blocks, hydraulic lifters, OEM style adjustable pushrods, stainless steel hardware and gaskets. Made in USA.

668205 Polish lifter block set. Fits Shovelhead models from 66-84 . . . . . $599.99

668206 Gloss black lifter block set. Fits Shovelhead from models 66-84 . . . . . $639.99

668207 Polish lifter block set. Fits Panhead models from 48-65 . . $599.99

668208 Gloss black lifter block set. Fits Panhead models from 48-65 . . . . . $639.99

668209 Replacement hydraulic lifters for the above kits (Set of 4) $146.99

Vulcan Engineering Adjustable Pushrod

668134 Shovelhead (OEM 17904-66) $52.99

668135 Panhead $52.99

JIMS Big Axle Powerglide Polished Billet Aluminum Tappet Block Kit

Panhead or Shovelhead engines can now have all the benefits of the hydraulic tappets fitted to Evolution engines eliminating the total oil loss of the stock hydraulic units. Made of 7075-T651 aluminum rated at 83,000 psi, twice as strong 6061-T6 aluminum. Capable of the highest rpm's engines can safely turn, at a valve lift of .700". Machined to the center line of the cam and held to a tolerance of ±.002". Bores are held ±.0002" perpendicular to the mounting flange. Includes front and rear tappet blocks, 4 Big Axle Power glide tappets, tappet block gaskets and instructions.

20839 Fits Panhead and Shovelhead engines from 53-84. . . . . $779.99

Tappet Block Screws (sets of 8)

93148 1/4"-24 12 6-point countersunk heads for Big Twins from 53-E76 . . . . . $9.49

93149 1/4"-20 12-point heads for Big Twins from late 76-99. . . . . $9.49

Hi-Performance Solid Lifter Kits

These kits install the adjusters into the lifter bodies in a manner which increases the stability of the pushrods at greater angles. The standard kit includes 1/2"-diameter 6061-T6 aluminum push rods, while the deluxe kit features pushrods made of 7/16"-diameter 4130 seamless chrome moly tubing. The pushrods are long enough for engines with stroker cylinders, and all wear surfaces are hardened for durability. Fits Shovel head motors from 66-84.

24050 Complete kit with 7/16" chromemoly pushrods $58.99

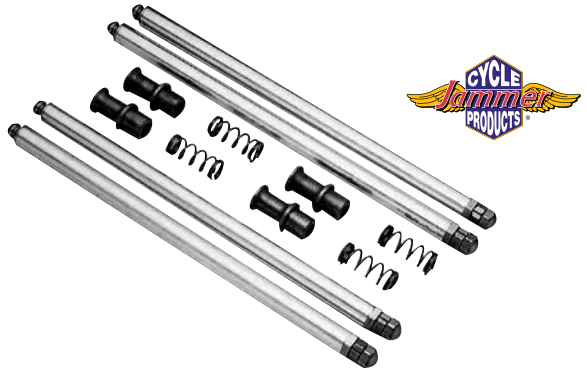
24051 Complete kit with 1/2"aluminum pushrods. $39.99

24052 Replacement 5/16"-32 split nuts for the above kits (pack of 10) $10.99

Replacement Pushrod Sets

36032 Fits Panheads from 53-65 ..... $29.99

36031 Fits Shovelheads from 66-84 ..... $36.99



Adjustable Hydraulic Lifter Conversion Kit

Kit will correct all problems associated with hydraulic lifters and reduce valve train weight.

36034 Fits Panheads from 53-65 ..... $39.99

36033 Fits Shovelheads from 66-84 ..... $42.99

Skull Pushrod Tube Clips by Skull Enterprises

Polished cast aluminum from hand carved mold. Easily installs onto upper pushrod tubes. Sold each.

37731 Fits all Shovelhead and Evolution Big Twin models $21.99

37732 Fits all Panhead models, Ironhead Sportster models and Evolution Sportster models $21.99

Complete Pushrod Cover Kits

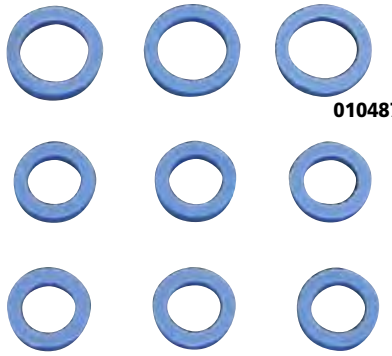
Complete push rod cover sets include inner and outer pushrod covers, springs, spring cups, retainers, washers, and seals.

010491 Fits Shovelhead models from 66-E79 (cork seals) $56.99

010496 Fits Panhead models from 48-65 (cork seals) $59.99

010497 Fits Sportsters models from 57-85 (cork seals) $56.99

010492 Fits Shovelhead models from late 79-84 (O-ring/quad seals) $68.99



Blue Silicone Pushrod Seal Kit

High tech blue silicone push rod seals resist heat, seal better and last longer. Kit comes complete with 4 large and 8 small seals, enough to reseal any Big Twin engine 48-E79.

010487 Kit for one engine $7.99

090955 Bag of 100 (small seals).....$30.99

090956 Bag of 100 (large seals).....$31.99

Buna-N Rubber Pushrod Seals

Designed to replace old cork pushrod seals. Fits OHV models 36-E79, and are unaffected by engine heat or oil contamination, resulting in longer life and an improved seal. Packs of 100.

12064 Small (repl. OEM 17955-36) $32.99

12065 Large (repl. OEM 17955-48) $35.99

*Prices shown are suggested retail prices only. Actual retail prices are determined by each dealer and may vary.

Chrome Oil Pump Plugs for Big Twin Models

An assortment of chrome-plated sockethead plugs for the oil pump on most OHV Big Twin models from 36-99. Plugs are complete with O-ring seals when required.

25206 Tappet screen, relief valve and check valve plug set for Big Twins from 70-80 . . . . . $23.99

25207 Tappet screen, relief valve and check valve plug set for Big Twins from 81-99 . . . . . $27.99

Chrome Top Motor Mounts

Top motor mount and coil bracket combination replaces the stock mount so that you can use late-model coils.

Mounts Without Switch Hole

13051 Fits all 4-speed Big Twin models from 48-84 (except Evolution models) $23.99

13052 Fits all Sportster models from 57-85 (except 79-81 and XR models) $19.99

Mounts with Switch Hole

25677 Fits all 4-speed Big Twin models from 48-84 (except Evolution models) $24.99

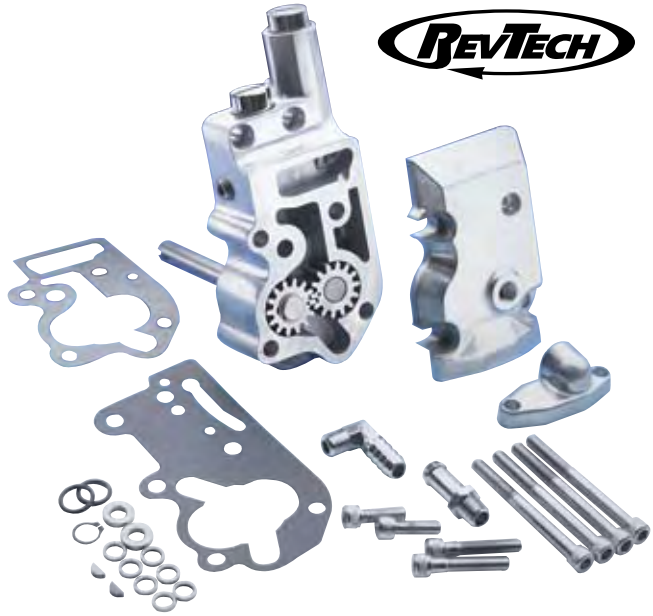
25676 Fits all Sportster models from 57-85 (except 79-81 and XR models) $19.99

12289 Universal key switch. $17.99

Rear Mount for Sportster Models

A quality replacement for 67-81 XLH and 70-81 XLCH models (repl. OEM 16203-67).

26611 Sold each $45.99



RevTech Oil Pump Kits

Features include an improved oil pressure regulation system that ensures perfect oil control to all areas of the motor, especially during initial start-up. All the oil line fittings and mounting hardware are chrome-plated. The oil pump body and cover are highly polished and have a redesigned smooth outer surface with counterbored holes for the sockethead mounting hardware. The oil feed line can be routed to the stock location at the top of the cover or directly to the pressure gears through a fitting located at the bottom of the cover. Engines 70-80 will require a small drilling operation, and 70-72 engines will also need a plugging step. Each kit includes all the snap rings, keys, gaskets, shaft, fittings, mounting hardware (1/4"-24 early-style and 1/4"-20 late-style) and detailed instructions.

20275 Fits all Big Twin models from 73-91 (except Dyna Glide models) $199.99

20276 Fits all Big Twin models from 36-72 (except Flathead models) $199.99

Note: CC #'s 20275 and 20276 require CC #20840 (S&S oil pump drill fixture kit)

Chrome Front Motor Mounts for Sportster Models

Chrome duplicates of the Original Equipment parts. Permit accessory footpeg mounting and mount easily with the stock hardware.

13045 Fits alternator-equipped Sportster models from late 84-03 . . . . . $29.99

651312 Fits Sportster models from 54-85 . . . . . $51.99

Stainless Steel Engine Skid Plate

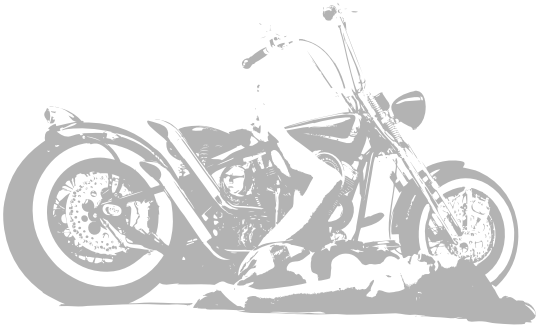
Highly-polished part that fits 4-speed Big Twin models from 65-84 (except Evolution models).

17115 Replaces OEM 24490-36T $25.99

Slotted Crankcase Filter Kit

Our slotted filter housing looks great and provides rigidity so the element doesn't distort or collapse with age. The gauze filter medium cleans up easily with soap and water and helps keep foreign material out of the bottom end. Ideal for custom builders or air cleaner installations that don't have breather fittings. Complete with chrome mounting bracket and hose clamp. Fits all models with 3/8" crankcase breather hose.

020565 Slotted filter kit. $18.99



Uni Filter Crankcase Breathers

Provides breather filtration when the factory air cleaner is removed. Fits all models 75-10. Includes hose clamps and zip ties.

12014 Dual 3/8" inlets for mounting between cylinders $14.99

Faceted Crankcase Breather Assembly

Comes complete with a one-piece filter molded to a lightweight decorative end cap, a chrome zinc die-cast mounting base with 5/16" inlet and a hose clamp. The hose clamp holds the filter to the base when the vent hose is installed. Installs in minutes and is the perfect mate to our faceted gas caps and oil tank plugs.

12018 Complete assembly $15.99

12029 Replacement filter only. $11.99

'No-Return' Crankcase Breather Assemblies

Special no-return valve improves performance and significantly reduces the build up of pressure that can cause oil leaks and seepage at gasket joints. Complete with a one-piece filter molded to a lightweight decorative end cap, a chrome zinc die-cast mounting base with 5/16" inlet and hose clamp. Fits Big Twin and Sportster models from 75-12 when the stock breather hose has been re-routed.

27515 Breather kit $29.99

Crankcase Breather Filters

Prevent the breather hose from inhaling impurities into the lower end while quieting the system. Beneficial on 75-10 models when the stock air cleaner has been replaced. Measure approximately 2" in diameter and 1 1/2"-tall with steel baseplates and 3/8"-I.D. hose barbs. Sold each.

12017 Single inlet $11.99

12012 Replacement breather filter, Dual inlet $14.99

Uni Filter Crankcase Breathers

Feature a 'ziptie loop' for attaching them to the frame, eliminating loose hoses. The washable urethane material requires no oil or special cleaners, and can be washed in soap and water for years of service.

11966 Fits 5/16" I.D. hose $14.99

11967 Fits 3/8" I.D. hose $14.99

Chrome Crankcase Breather

Features a bolt for attaching to any flat surface. Prevents breather hose from inhaling any impurities while riding. Fits 3/8" hose.

12016 Sold each $13.99

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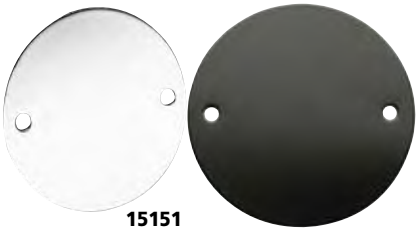


15151 688081

Point Covers

Fits all Sportster and Big Twin models 70-03 (except Twin Cam models).

15151 Chrome, Plain (repl. OEM 32582-85T) $6.99

688081 Black, Plain (repl. OEM 32582-85T) $5.99

36259 Colony chrome sockethead point cover screws for models 79-99. . $2.99

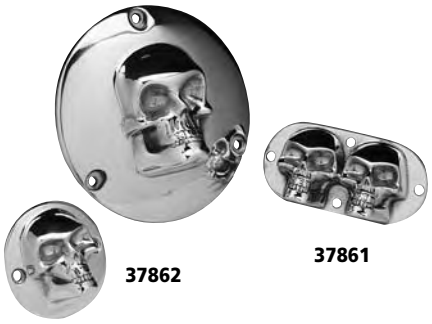
688082 15153

'Domed' Point Cover

A beautiful chrome die-cast point cover complete with screws for all Sportster and Big Twin models 70-03 (except Twin Cam models). Available in chrome or black.

15153 Chrome replaces OEM 32584-88T $8.99

688082 Black replaces OEM 32584-88T $8.99



37860 37862 37861

Cast Aluminum 'Skull' Engine and Primary Covers

Each of these classic designs is highlighted by making it 3-dimensional. All parts are manufactured in the USA from sand-cast, polished aluminum.

Point Covers

Fits all Big Twin and Sportster models with horizontal mounting holes from 70-03

37862 Skull, fits all models from 70-99 (except Twin Cam models) $38.99

Derby Covers

Fits all Big Twin models from 70-98

37860 Skull, fits all Big Twin models from 70-98 . . . . . $89.99

Inspection Covers

Fits all 4-speed FL and FX models with forward controls from 65-86, and all Softail or Dyna Wide Glide models from 84-06.

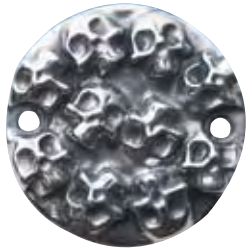
37861 Skull, fits 4-speed FL and FX models with floorboards or forward controls from 65-86, as well as Softail and Dyna Wide Glide models from 84-06 . . . . . $54.99

33153

Forward Facing Skull Point Covers

Ominous 3-dimensional skulls design. Made from polished aluminum, each piece is sand-cast from a hand-carved original.

33153 Fits all Big Twin (except Twin Cam) and Sportster models with horizontal mounting holes from 70-03 $38.99



Multiple Skull Point Cover by Skull Enterprises

Polished cast aluminum from hand carved mold. Fits all Big Twin and Sportster models from 70-99 (except Twin Cam models).

37729 Point cover $29.99

18916 19007 18917

'Live To Ride' Point Covers

Fits all models from 70-03 (except Twin Cam models).

'A Way of Life'

Sold each.

19007 Horizontal mounting holes $13.99

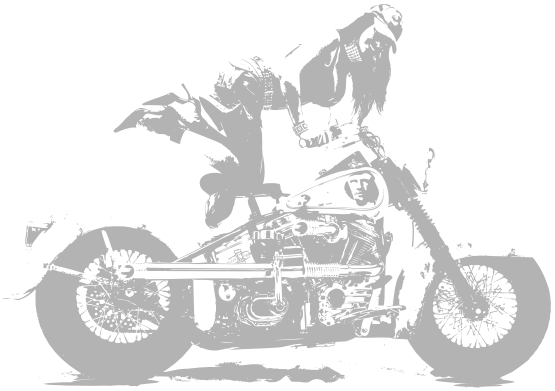
19008 Vertical mounting holes $13.99

'Eagle Spirit'

Sold each.

18916 Horizontal mounting holes $28.99

18917 Vertical mounting holes $26.99



641614

641612

Ripple Points Covers by Biltwell

A timeless design that will fit the look of multiple styles. These points covers are available in either a cast aluminum with gloss black powdercoat finish or a cast Stainless Steel with a polished finish. They come in either a 2 or 5-hole patterns to fit most Big Twins and Sportsters from 70-12.

2-Hole for all 70-98 Big Twin & 70-12 Sportster models

641614 2-Hole Ripple points cover, Polished $59.99

641612 2-Hole Ripple points cover, Black $29.99

685460

685461

'Alcohol Powered' Points Cover by Biltwell

Put this bottle opener points cover on your bike and you will never go thirsty at the next rally cause you forgot the most important rally tool. Fit all XL and Evo Big Twins.

2-hole covers

685460 Silver 'alcohol powered' points cover 3-hole $49.99

685461 Black 'alcohol powered' points cover 3-hole $49.99

*Prices shown are suggested retail prices only. Actual retail prices are determined by each dealer and may vary.

General Warnings

Motorcycle riding is a dangerous activity. The only way to be sure to avoid injury is not to ride! Even if you use the finest and best-maintained equipment, wear a helmet and protective clothing, and take all possible precautions, it is not possible to avoid every risk. Motorcycle accidents frequently result in serious injury, including death. Please do not operate a motorcycle or other motor vehicle when you are tired or under the influence of alcohol or drugs, or when your perception is impaired for any other reason. At all times, please wear a helmet, ride carefully and within posted speed limits, and obey all other traffic regulations and instructions from law enforcement personnel.

Custom Chrome, sells aftermarket motorcycle parts for Harley-Davidson® and other brands. If you do not have the necessary experience and skill, please have a qualified mechanic install any new or replacement part on your motorcycle. The failure to install properly and test any new or replacement component could adversely affect your motorcycle's operation and result in an accident, including a fatal accident.

Federal and state laws and regulations impose restrictions on modifying the engine, ignition, exhaust and other components of a motorcycle intended for on-road use. In addition, these laws and regulations impose requirements on windshields, brake components, lighting, and other equipment on your motorcycle. Accordingly, certain parts in this catalog are for competition or display purposes only. In general, those parts are indicated by a "Competition" mark: a checkered flag in a yellow oval.

If you are a retail customer, you are responsible to know the laws and regulations that govern the modification of your motorcycle. Custom Chrome is not responsible if you modify your motorcycle or any component in violation of law. If you have any questions regarding a particular component, please consult your dealer or a qualified motorcycle mechanic.

The following is additional information relating to components for sale in various sections of this catalog. This information is not exclusive – if you have any questions regarding the installation or use of any component, please contact your dealer, a qualified mechanic, or Custom Chrome's customer service department.

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World's Finest Products For Harley-Davidsons

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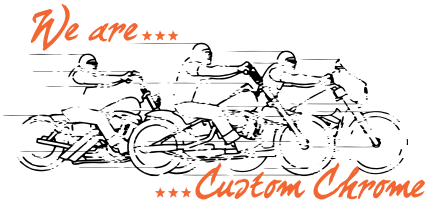

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Service
Maintenance
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Repair
Performance

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